



## IPHQ Quality Awards Program 2003 Road School

As announced at the 2002 Road School, the Indiana Partnership for Highway Quality (represented by INDOT, FHWA, and the Indiana Highway Industry) will continue its annual Quality Awards program at the 2003 Road School. This Program is to encourage quality and innovation in highway and other transportation construction in the State of Indiana. These awards will recognize the outstanding achievement in local agency and INDOT projects. The awards will be offered in four categories:

Pavement – Urban;  
Pavement – Rural;  
Bridges; and  
Special Projects.

Each category has two levels of awards, one for larger projects and another for smaller projects. Only projects completed in calendar year 2002 will be considered for these awards.

While construction quality will be the primary consideration in judging projects, other factors considered will include safety, customer focus, innovation, teamwork, and the long-term impact of the project. The application form along with the instructions for filling it out will be available on the following websites after November 10, 2002:

INDOT	<a href="http://www.state.in.us/dot/">http://www.state.in.us/dot/</a>
LTAP	<a href="http://www.ecn.purdue.edu/INLTAP/">http://www.ecn.purdue.edu/INLTAP/</a>
JTRP	<a href="http://www.purdue.edu/JTRP">http://www.purdue.edu/JTRP</a>
FHWA	<a href="http://www.fhwa.dot.gov/indiv/index.htm">http://www.fhwa.dot.gov/indiv/index.htm</a>

**Four (4) copies** of the application package, properly collated and separated, must be received by the **Federal Highway Administration Indiana Division; 575 N. Pennsylvania St., Room 254, Indianapolis, IN 46204** on or before **January 31, 2003** to be considered. Contact Kate Quinn at (317) 226-7483 for further information.

This Awards Program is directed at acknowledging project quality and innovation. Thus, the Indiana Partnership for Highway Quality encourages the submission of all applicable projects.

# *Indiana Partnership for Highway Quality*

## **CALL FOR NOMINATIONS**

# **QUALITY ACHIEVEMENT AWARDS**



### *Promoting Partnerships to Improve Highway Quality*

The Indiana Partnership for Highway Quality, a partnership of ten Indiana agencies, industry associations and academia is dedicated to continuous quality improvement in the planning, design, construction, and maintenance of Indiana's highways. This Quality Awards program was created to recognize Indiana projects, both large and small, which exemplify outstanding quality, teamwork, innovation, safety and customer focus. The winners of the Quality Awards will be selected from among nominations submitted by state, city, contractors, designers and county contracting authorities. Winners will be recognized annually at Purdue Road School. For further information, contact Kate Quinn at (317) 226-7483. This package contains information to use in submitting entries for the Indiana Quality Awards.

***Applications Must Be Received by January 31, 2003***

Indiana Partnership  
For Highway  
Quality

*IPHQ*

# *IPHQ Quality Award*

## Promoting Partnerships to Improve Highway Quality

### **Background**

The Indiana Partnership for Highway Quality (IPHQ) is a partnership between the Federal Highway Administration (FHWA), Indiana Department of Transportation (INDOT), Indiana Local Technical Assistance Program (LTAP), Purdue University and related industry associations. The objective of this partnership is to focus attention on continuous quality improvement within the highway industry.

The activities of the IPHQ are coordinated by a steering committee made up of representatives from the following organizations:

- Federal Highway Administration-Indiana Division
- Indiana Department of Transportation
- Indiana Local Technical Assistance Program
- Purdue University
- Asphalt Pavement Association of Indiana, Inc.
- Consulting Engineers of Indiana
- Indiana Chapter – American Concrete Pavement Assoc.
- Indiana Constructors, Inc.
- Indiana Mineral Aggregates Association, Inc.
- Indiana Ready Mixed Concrete Association

The IPHQ Steering Committee is committed to fostering partnerships among its members in the joint pursuit of quality.

To demonstrate and publicize its commitment to excellence, the IPHQ Steering Committee has inaugurated an awards program to recognize projects with outstanding achievements in quality design and construction. The awards will be given annually at Purdue Road School to project teams that clearly demonstrated dedication to quality processes, innovative practices, teamwork, customer focus and safety.

### **Project Eligibility**

To be eligible for the award, a project must be a highway, street, road, bridge or an infrastructure enhancement project and must be the result of a single construction contract. Contract joint ventures are eligible. Multi-project “corridor improvements” are ineligible for the awards.

The project must have been substantially completed and opened to unrestricted traffic/use during calendar year 2002.

### **Nomination Process**

Any owner, designer, or contractor can nominate one or more projects in each category that best reflects the values and criteria of quality characteristics being promoted by the IPHQ. An owner endorsement statement must be included with the nomination.

Projects can be nominated in the following categories:

- Pavement – rural > \$2,000,000
- Pavement – rural < \$2,000,000
- Pavement – urban > \$2,000,000
- Pavement – urban < \$2,000,000
- Structures > \$1,000,000
- Structures < \$1,000,000
- Special Projects > \$500,000
- Special Projects < \$500,000

**Special Project Examples:** Enhancements; Wetland Replacements; Safety Improvements; Work Zones, etc.

Nominations for the IPHQ Quality Awards must address the specific award criteria outlined in this announcement and **must be received by January 31, 2003.**

### **Evaluation Criteria**

The IPHQ Steering Committee will use six weighted criteria (totaling 1000 points) to evaluate the submitted nominations. The application package must include a clear explanation of how the project achieved each of these criteria. For more detailed information see *Criteria Characteristics* provided later in this document.

#### *Quality Process and Results (300 points)*

The specific measurement, process management and quality assurance methods that were used to ensure the delivery of a quality product, and demonstration of effective schedule management.

#### *Customer Focus (200 points)*

The degree to which customers/users benefited from the project; the project team's involvement and interaction with the surrounding community.

#### *Teamwork (100 points)*

The effective partnership and cooperation among all those involved in the development, design and execution of the project.

#### *Innovation and Value (150 points)*

The use of new approaches to highway design and construction - including but not limited to the areas of materials, technology, management, and human resources - and how such approaches added value to the project.

#### *Long Term Improvement (100 pts.)*

Lessons learned can be applied to future projects. Innovations become standards.

#### *Safety (150 points)*

The effective use of traffic management to assure safety of workers and traveling public during construction. Long-term safety improvement as result of project.

# IPHQ Quality Award

## Promoting Partnerships to Improve Highway Quality

### Application Package

Each entry must include the following:

- Completed *Nomination Form*, including the mailing addresses of the owner, designer, and contractor
- Narrative presentation (maximum of 5 pages) that includes an
  - Overview of project
  - Explanation of how the project team achieved each of the five evaluation criteria
- Appendices (maximum of 5 pages total) presenting any additional pertinent information to support the narrative presentation (for example, drawings, photographs, newspaper articles, or test results)

In addition, the entry should include at least three photographs that provide a good project overview or representative scene from the completed project. Some of these photos will be used on publicity of the awards.

**NOTE: Four (4) copies of the application package, properly collated and separated, should be submitted.**

### Evaluation Panel

All accepted nominations for the 2003 awards will be evaluated by the IPHQ Steering Committee. Winners will be determined by assessment of project strengths for each of the criteria characteristics, calculating an average project score for all nominations. Project site visits may be conducted at the discretion of the committee.

### Deadline

The application package must be received at the following address by January 31, 2003.

Indiana Partnership for Quality Highways  
Quality Awards Program  
c/o FHWA – Indiana Division  
575 N. Pennsylvania Street  
Room 254  
Indianapolis, IN 46204

### Award Categories

Nominations will be received and considered for projects in the following categories:

- Pavement - rural > \$2,000,000
- Pavement – rural < \$2,000,000
- Pavement – urban > \$2,000,000
- Pavement – urban < \$2,000,000
- Structures > \$1,000,000
- Structures < \$1,000,000
- Special Projects > \$500,000
- Special Projects < \$500,000

Special Project Examples: Enhancements; Wetland Replacements; Safety Improvements; Work Zones, etc

### Awards Presentation

The IPHQ Steering Committee will announce the winning projects in March 2003. Awards will be presented during the Opening “General Session” at the 2003 Road School held at Purdue University. All winning projects will be recognized during the Awards Ceremony held during the session.

There will also be a special session, at the Road School, to discuss the projects that received Awards.

# Criteria Characteristics

## A. Quality (300 Points)

1. Evidence of a quality control/quality assurance process and satisfactory test results.
2. Documentation of final product quality measures.
3. Document adherence to schedule.
4. Achievement of results beyond the minimum specifications that enhance quality (ride, time, longevity).

## B. Customer Focus (200 Points)

1. Demonstrated public support for the project during and after construction.
2. Involvement of customers early in the planning process and throughout the project's life.
  - Identification and response to specific customer needs/requirements
  - Proactive approach to soliciting customer participation in the project
  - Proactive approach to keeping the public and neighbors
3. Minimized the impact of construction to the public and neighbors

## C. Teamwork (100 points)

1. Evidence of involvement of the key players throughout the project.
2. Demonstration that teamwork and partnership were clear objectives of the project. (include evidence of any formal partnering agreement)
3. Describe benefits of this teamwork.

## D. Innovation and Value (150points)

1. Evidence of value engineering.
2. Description of innovations used in design, bidding, or construction of project.
3. Demonstrated value of these approaches; explanation of benefits that were realized.

## E. Long-Term Improvement (100 points)

1. Demonstration that those involved in the project have learned from this project and can apply lessons learned to future projects.
2. Ideally, would see that innovations realized in the project have become standards for future projects.

## F. Safety (150 Points)

1. Documentation on the effectiveness of work zone safety efforts and the traffic control plan.
2. Document safety for workers.
3. Show how the improvement enhances safety for persons using the facility.

Total points = 1,000

*IPHQ*  
**QUALITY AWARDS**  
**Nomination Form**

Project Location (city/county/INDOT district): \_\_\_\_\_

Project Location Description: \_\_\_\_\_

\_\_\_\_\_

Project Name\*: \_\_\_\_\_

Team Members:

Owner: \_\_\_\_\_

Construction Manager (if other than owner): \_\_\_\_\_

Contractor: \_\_\_\_\_

Designer: \_\_\_\_\_

Subcontractors: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Significant Material Suppliers: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Project Start Date: \_\_\_\_\_

Substantial Completion Date (must be no later than December 31, 2002): \_\_\_\_\_

Brief Project Description: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\*This name will be used in promotional materials for the award.

**Mail completed nomination form, along with narrative and appendices (see page 3), must be received  
by January 31, 2003 to:**

Indiana Partnership for Highway Quality  
Quality Awards Program  
c/o FHWA – Indiana Division  
575 N. Pennsylvania Street, Room 254  
Indianapolis, IN 46204